image data is input (step S4-30) and which sends the image data to the processing apparatus 6 (step S4-32). However, different customer computer processing apparatus may be used to print or display the photographic mat and to receive input image data and send the image data to the processing apparatus 6. For example, processing apparatus 6 may send print instructions to processing apparatus 2, which uses the instructions to control printer 18 to print a photographic mat 24. Photographic mat 24 and a subject object may then be imaged using a camera 16 and the image data input to a different customer processing apparatus 4, which transmits the image data to processing apparatus 6.

In the embodiments above, the communications network 8 connecting the computer processing apparatus 2, 4, 6 comprises a single network. However, the network may comprise a plurality of connected networks. One or more of the computer processing apparatus 2, 4, 6 may be connected to the network(s) via a wireless connection (for example radio signals).

In the seventh and eighth embodiments described above, at steps S11-18 and S13-14, the image data made available, and subsequently displayed at the third-party

apparatus as the first image, comprises the image data of an image as received from customer processing apparatus 2, 4. However, the image data received from customer processing apparatus 2, 4 may be modified before being transmitted to, and displayed at, a third-party apparatus. For example, processing apparatus 6 may perform processing to remove the calibration pattern on the photographic mat from the input image (this processing being simple to perform because the features in the calibration pattern have previously been detected in the input image at step S4-36 to calculate the imaging position and orientation).

In the seventh embodiment, either or both of processing steps S11-4 and S11-16 may be omitted. Similarly, in the eighth embodiment, processing step S13-4 may be omitted.

In the eighth embodiment, because the image displayed at the third-party apparatus is based on an input image recorded at a customer processing apparatus 2, 4, it is unnecessary to carry out the processing at step S4-38 to generate data defining a 3D computer model of the subject object.

In the embodiments described above, processing is

performed by computers using processing routines defined by programming instructions. However, some, or all, of the processing could be performed using hardware.